

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050158179".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 19:09
L2	54	("3559731" "3632923" "3838597" "3857277" "4058757" "4171185" "4286925" "4487061" "4777979" "4862898" "5006044" "5044888" "5091612" "5236011" "5343826" "5362206" "5941305" "5970801" "6032540" "6085599" "6114823" "6155347" "6246333" "6528748" "7242317").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 19:32
L3	2	L1 and (strata)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 19:45
L4	41097	(flow\$3 near4 (sens\$3 or detect\$3 or measurement or measur\$4 or observ\$3 or transduc\$3) near4 (valve or checkvalve or check-valve or inline-valve or inlinevalve or in-line-valve or flap or soleniod or (flow near2 (control\$4 or regulat\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:28
L5	2336	700/14,28,282.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:27
L6	4564	702/2,6,9,11-13,45-49,188.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:28
L7	472	137/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:28

## EAST Search History

L8	7318	L2 L5 L6 L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:28
L9	505	L4 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:28
L10	210	L9 and (crude or oil or oilfield or oil-field or petroleum or hydrocarbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 20:29
L11	188	L9 and (crude or oil or oilfield or oil-field or petroleum or hydrocarbon)	US-PGPUB; USPAT	OR	ON	2007/09/02 21:00
L12	31	L9 and ((crude or oil or oilfield or oil-field or petroleum or hydrocarbon or fluid) with (earth or layer or geologic\$4 or strata or stratus or sediment or sedimentary or bed))	US-PGPUB; USPAT	OR	ON	2007/09/02 21:02